

Title (en)
METHOD FOR ASSEMBLING A PELTON TURBINE WHEEL

Title (de)
MONTAGEVERFAHREN FÜR PELTONTURBINE-LAUFRAD

Title (fr)
PROCEDE D'ASSEMBLAGE D'UNE ROUE DE TURBINE DE TYPE PELTON

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Application
EP 00988879 A 20001206

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Abstract (en)
[origin: WO0142645A1] The invention concerns a method which consists in: pre-positioning, in a housing (7) of a flange (5), a bucket (2) supported by part (23c) of its outer surface (23) against an edge (71) of the housing (7) providing a space (E') between the convex surface (23B) of the outer radial part (2B) of the bucket (2) and said edge (71); producing an articulated linkage (15) of the bucket (2) on the rim (1) and/or the flange (5) on the inside (2A) of the bucket (2); exerting on the outer radial part (2B) of the bucket (2) a first calibrated force to bring it closer to the edge (71); determining the distance (e) between said outer radial part (2B) and said edge (71) under said force; slackening said force; arranging, between said outer radial part (2B) and said edge (71), a wedge (53) having a thickness substantially equal to said distance (e); and exerting on the outer radial part (2B) of the bucket a second force (F2) to bringing it closer to the edge and maintaining said second force (F2) which has an intensity not less than that of the first force.

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F03B 1/02

IPC 8 full level
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